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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

the Application of

Ranjan RAY

Serial No.: 10/782,927

Filed: February 23, 2004

For: FINE GRAINED SPUTTERING TARGETS OF COBALT AND NICKEL BASE ALLOYS
MADE VIA CASTING IN METAL MOLDS FOLLOWED BY HOT FORGING AND
ANNEALING AND METHODS OF MAKING SAME

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to Rules 56 and 98, Applicants hereby call the attention of the Patent Office to the references listed on the attached Form PTO 1449.

Applicants present these references so that the Patent Office may, in the first instance, determine any relevancy thereof to the presently claimed invention, see Beckman Instruments, Inc. v. Chemtronics, Inc., 439 F.2d 1369, 1380, 165 USPQ 355, 364 (5th Cir. 1970). Also see Patent Office Rule 104. Applicants respectfully request that these references be expressly considered during the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom.

Respectfully submitted,

Date: May 18, 2004

By:

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FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

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SERIAL NO.
10/782,927

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT
Ranjan RAY

(Use several sheets if necessary)

FILING DATE
February 23, 2004

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		3	9	5	4	5	1	4	05/76	Webster et al.			
		3	9	5	4	5	1	6	05/76	Hu			
		4	4	0	6	7	1	5	09/83	Nakayama et al.			
		4	5	1	1	4	0	9	04/85	Ferton et al.			
		4	6	0	9	4	0	8	09/86	Rodrigues et al.			
		4	7	2	1	5	3	7	01/88	Ghosh			
		4	7	5	3	6	9	2	06/88	Kuroki et al.			
		4	8	8	9	7	7	2	12/89	Bergmann et al.			
		4	9	6	1	8	3	1	10/90	Bergmann et al.			
		4	9	6	1	8	3	2	10/90	Shagun et al.			
		4	9	6	3	2	3	9	10/90	Shimamura et al.			
		4	9	6	4	9	6	2	10/90	Nobutani et al.			
		4	9	6	4	9	6	8	10/90	Arita			
		4	9	6	4	9	6	9	10/90	Kusakabe et al.			
		4	9	7	1	6	7	4	11/90	Hata			
		4	9	6	3	2	4	0	10/90	Fukasawa et al.			
		4	9	6	6	6	7	6	10/90	Fukasawa et al.			
		5	0	7	9	9	0	7	01/92	Sameshima et al.			
		5	0	8	7	2	9	7	02/92	Pouliquen			
		5	4	6	8	3	0	5	11/95	Uchida et al.			
		6	4	0	2	9	1	2	06/02	Herrera et al.			
		6	4	9	4	9	9	9	12/02	Herrera et al.			
		6	5	8	5	8	7	0	07/03	Pitcher et al.			
		6	6	3	4	4	1	3	10/03	Ray et al.			

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.